



KX-NS700 Smart Hybrid PBX

Main CPU		Cortex A8 600 MHz
Power Input		100 V AC to 130 V AC: 2.2 A/200 V AC to 240 V AC: 1.3; 50 Hz/60Hz
Power Consumption (when fully mounted)		Normal rated power 104 VA
Memory Backup Duration		7 years
Dialling 1	Trunk	Dial Pulse (DP) 10 pps, 20 pps Tone (DTMF) Dialling
	Extension	Dial Pulse (DP) 10 pps, 20 pps Tone (DTMF) Dialling
Mode Conversion		DP-DTMF, DTMF-DP
Ring Frequency		20 Hz/25 Hz (selectable)
Operating Environment	Temperature	0°C to 40°C
	Humidity	10 % to 90 % (non-condensing)
Conference Call Trunk		32 party conference call (10 x 3-party conference call, 4 x 8-party conference call, etc.)
Music on Hold (MOH)		Internal MOH port: 8 ports (Level Control: -31.5 dB to +31.5 dB per 0.5 dB) External MOH port: 2 ports (Available exclusively with EPG [External Paging]) MOH: Selectable Internal/External Music Source port
External Paging		Maximum 2 ports (Volume Control: -15.5 dB to +15.5 dB per 0.5 dB) - (Available exclusively with MOH)
Lan Port	1 (for LAN connection)	10BASE-T/100BASE-TX (Auto MDI/MDI-X)
Extension Connection Cable	SLT	1-pair wire (T, R)
	DPT	1-pair wire (D1, D2)
	APT	2-pair wire (T, R, D1, D2)
	PT-interface CS	1-pair wire (D1, D2)

		PT-interface CS (High-density)	4-pair wire (D1, D2)	
		DSS Console and Add-on Key Module	1-pair wire (D1, D2)	
Air-cooling Method			Fan	
Dimensions			430 mm (W) x 335 mm (D) x 88 mm (H)	
Weight (when fully mounted)			Under 5.0 kg (excluding 19" rack mounting equipment)	
Total Number of Trunks	Total Number of Trunks	Total Number of Trunks	102	
		Legacy	Legacy	38
			BRI	16
			PRI30	30
			Analogue	12
	IP	IP	IP	64
			H.323	32
			SIP	64
	Extension (DXDP*1)	Extension (DXDP*1)	Extension (DXDP*1)	166 (168)
Legacy (DXDP*1)			Legacy (DXDP*1)	38 (40)
			SLT	36
			DPT (DXDP*1)	34 (36)
			APT	8
IP		IP	IP	128
			IP-PT	128
			SIP	128
DSS Console			8	
CS			40	
DPT-CS (2ch)			8	

DPT-CS (8ch)		4	
IP-CS		32	
PS		128	
VM		-	
ESVM (ch)		2	
Built-in UM (ch)		24	
TVM Unit		2	
Doorphone		2	
Door Opener		2	
External Sensor		2	
Legacy	Legacy	0	
	BRI	0	
	PRI30	0	
	Analogue	0	
IP	IP	0	
	H.323	0	
	SIP	0	
Extensions	Legacy	Legacy	6
		SLT	4
		DPT	2
		PFT I/F	2
		Music on Hold (MOH)	8 ports
		Music on Hold External (MOH)	2 ports (available exclusively with EP)
		External Paging (EP)	2 ports (available exclusively with MOH)
	IP	IP	0

	IPPT	0
	SIP	0
System	Absent Message - External	1 x 16 characters
	Absent Message - System	8 x 16 characters
	Call Park Zone	100
	Conference	3 - 8 parties per conference (32 parties total)
	COS	64
	DID/DDI Table	32 digits, 1000 entries
	Extension number	1 - 5 digits
	Extension Personal Identification Number (PIN)	10 digits, 1 entry/extension
	Host PBX Access Code	10 digits, 10 entries/trunk group
	Multiple Subscriber Number (MSN)	10 entries per ISDN-BRI port
	Number of Characters of Name	20
	Printing message / Ring Tone Pattern Plan / Tenant	8
	Queuing Time Table	64
	Simultaneous Programmers	One system programmer + 63 personal programmers One manager programmer _ 63 personal programmers 64 programmers
	Simultaneous Programmers (Web Maintenance Console)	One installer level account 32 User (User) and User (administrator) level accounts
	SMDR Call Storage	1000 calls (Without SD
	Special Carrier Access Code	16 digits, 20 entries
	Time Service Holiday	24
	Verification Code	4 digits, 1000 entries
Verification Code Personal Identification Number (PIN)	10 digits, 1000 entries	
Dialling 2	Emergency Call	32 digits, 10 entries

	Hot Line/ Redial	32 digits
	Key Pad Protocol Dial (ISDB Service Access)	32 digits
	Personal Speed Dialling	32 digits, 100 entries/extn.
	Quick Dial	8 digits, 4000 entries
	System Speed Dialling	32 digits, 1000 entries/ tenant
	One-touch Dialling - PT	32 digits, 5000 entries/system
	One-touch Dialling - PS	32 digits, 1000 entries/system
Groups	Conference Group	8 (31 members/group for Conference Group Mode, 31 member/group for Broadcast Mode)
	User Group/PagingGroup/PS Ring Group/P2P Group	32
	Call Pickup Group	64
	Idle Extension Hunting Group	64 (16 extensions/group)
	Incoming Call Distribution Group	128 (128 extensions/group)
	Trunk Group	64
	UM Group	1
	VM (DPT) Group	2 units x 12 pots (24 channels)
	VM (DTMF) Group	2 groups x 32 channels
TRS/Barring	TRS/Barring Level	7
	TRS/Barring Denied Code	16 digits, 100 entries/level
	TRS/Barring Exception Code	16 digits, 100 entries/level
ARS	Routing Plan Table	48 entries
	Leading Number Table	16 digits, 1000 entries
	Leading Number Exception Table	16 digits. 200 entries
	ARS Carrier	48
	Itemised Billing Code	10 digits
	Authorisation Code for Tenant	16 digits

	Authorisation Code for Trunk Group	10 digits
Call Log and Message Waiting	Outgoing Call Log - PT	100 records/extn. 1520 records/system
	Outgoing Call Log - PS	100 records/extn. 640 records/system
	Incoming Call Log - PT	100 records/extn. 3040 records/system
	Incoming Call Log - PS + Incoming Call Distribution Group	100 records/extn. Or group Total 2560 records/system
	Message Waiting - PS + Incoming Call Distribution Group / Message Waiting - PT + SLT	256
Voice Message	Outgoing Message (OGM)	64
	OGM Total Recording Time	Approx. 20 minutes
	Build-in Simplified Voice Message (SVM)	125 messages
	SVM Total Recording Time	120 minutes
Hospitality and Charge Management Features	Billing items for guest rooms	1000 records/PBX (Without SD card)/1000 records/PBX (with SD card)
	Hotel Operator	4
	Charge Rate	7 digits including a decimal
	Charge Denominator	3 currency characters/symbols
Networking	TIE Line Routing and Modification Table	32 entries
	Leading Number	3 digits
	PBX Code	7 digits
	NDSS: Monitored PBXs	8
Unified Messaging	Mailboxes	500 subscriber mailboxes / 1 System Manager mailbox / 1 Message Manager mailbox
	Group Distribution List	User: 4 groups, 40 members per group System: 20 groups, 200 members per group
	Service Group	64 entries
	Unified Messaging Ports	24 ports
Web Maintenance Console Accounts	Users (User)	492 accounts

Users (administrator)	8 accounts
Installer Password (all account types)	1 account 4 - 16 characters

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